



US005303291A

# United States Patent [19]

Takagi et al.

[11] Patent Number: **5,303,291**  
 [45] Date of Patent: **Apr. 12, 1994**

[54] **PORTABLE TELEPHONE HAVING A  
DETACHABLE FUNCTIONAL MODULE**

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[21] Appl. No.: **970,467**

[22] Filed: **Nov. 2, 1992**

**Related U.S. Application Data**

[62] Division of Ser. No. 756,587, Sep. 9, 1991.

[30] **Foreign Application Priority Data**

Sep. 7, 1990 [JP] Japan ..... 2-235660

[51] Int. Cl.<sup>5</sup> ..... **H04M 11/00; H04M 1/00**

[52] U.S. Cl. .... **379/433; 379/58;  
379/434**

[58] Field of Search ..... **379/433, 434, 58, 144;  
395/149, 153, 173**

[56] **References Cited**

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[57] **ABSTRACT**

A portable telephone having a cover to which a functional module such as an electronic calculator or a clock module is detachably mounted. The cover is rotatably mounted to a body of the portable telephone. Plural kinds of functional modules are replaceably mounted to the cover, thereby making the portable telephone multifunctional. Also disclosed herein is a construction that a multifunctional module mounting member is rotatably mounted to the body of the portable telephone, and a desired functional module is mounted to this mounting member by plug-in connection employing connectors.

**1 Claim, 14 Drawing Sheets**

